

**Figure 1: TOOL PRODUCTION PROCESSES**

Traditional Process: Lengthy , requiring master

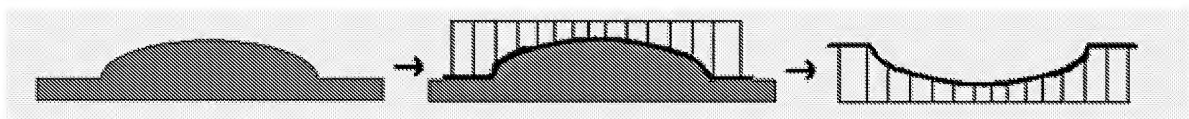
Boeing Process: Assembly using different adhesive and hand applied paddies

Present Invention: Streamlined process Using a machine dispensed curable paste

5 which is both adhesive and a machinable coating

**Traditional process**

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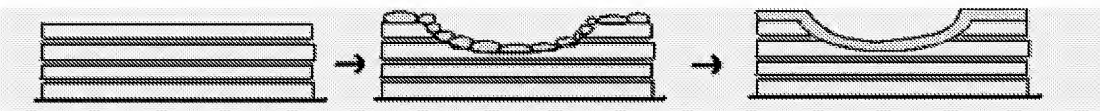
Mold made from boards  
or SMP in normal  
manner

Laminate applied with  
backing structure

Laminated tool  
produced

**Boeing process**

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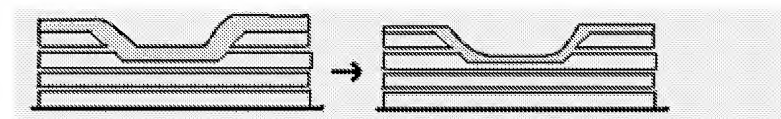


Honeycomb stacked  
together and cured

Patties applied by hand  
and cured

Patties cut to give final  
tool

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**New patent**

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Honeycomb stacked and  
stuck together with SMP

Part cured and then cut  
to give final tool